

STL Richland 2800 George Washington Way Richland, WA 99354

Tel: 509 375 3131 Fax: 509 375 5590 www.stl-inc.com

January 3, 2006

Windy Fetterly, A.P.P 2430 Stevens Drive, Room 192 Richland, WA 99354

Reference:

Contract 615

Dear Ms. Fetterly:

Accompanying this letter are the Data Package(s) and Invoice(s) for the radiochemical analyses for the following Fluor Sample Delivery Groups:

SDG NUMBER

SAF NUMBER

W04834

F04-034

If you have any questions regarding this data package or require any additional information please contact Hans Carman at 375-3131.

Receipt of this letter and the packages are acknowledged by:

Name //

January 5, 200

XC: File

EDMC

Analytical Data Package Prepared For

Fluor Hanford Inc.

Radiochemical Analysis By

STL Richland

2800 G.W. Way, Richland Wa, 99354, (509)-375-3131.

Assigned Laboratory Code: STLRL

Data Package Contains 19 Pages

Report No.: 30960

SDG No.	Order No.	Client Sample ID (List Order)	Lot-Sa No.	Work Order	Report DB ID	Batch No.	
W04834	F04-034	B1H3F3	J5L190138-1	HTEE71AA	SHTEE710	5364131	



Certificate of Analysis

Fluor Hanford P.O. Box 1000, T6-03 Richland, WA 99352

January 3, 2006

Attention: Steve Trent

SAF Number

Date SDG Closed : December 16, 2005

Number of Samples : One (1)
Sample Type : Water
SDG Number : W04834

Data Deliverable : 15 / 45-Day Summary



CASE NARRATIVE

F04-034

1. Introduction

On December 16, 2005, one water sample was received at STL Richland (STLR) for radiochemical analysis. Upon receipt, the sample was assigned to lot J5L190138 and assigned the following laboratory ID number to correspond with the Fluor Hanford (FH) specific ID:

FH ID#	STLR ID#	MATRIX	DATE OF RECEIPT
B1H3F3	HTEE7	WATER	12/16/05

II. Sample Receipt

The sample was received in good condition and no anomalies were noted during check-in.

III. Analytical Results/Methodology

The analytical results for this report are presented by laboratory sample ID. Each set of data includes sample identification information, analytical results and the appropriate associated statistical errors.

The requested analyses were: Chemical Analysis

Hexavalent Chromium by EPA method 7196A

Fluor Hanford January 3, 2006

IV. Quality Control

The analytical results for each analysis performed includes a minimum of one laboratory control sample (LCS), one method (reagent) blank, and one duplicate sample analysis. Any exceptions have been noted in the "Comments" section.

QC and sample results are reported in the same units.

V. Comments

Chemical Analysis

Hexavalent Chromium by EPA method 7196A:

The LCS, batch blank, sample, sample matrix spike (B1H3F3), matrix spike duplicate (B1H3F3) and sample duplicate (B1H3F3) results are within contractual requirements.

I certify that this Certificate of Analysis is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager, or a designee as verified by the following signature.

Reviewed and approved:

Hans Carman Project Manager

	DRINKING WAT	ER ASTM METHOD CROSS REFERENCE
Referenced Method	Isotope(s)	STL Richland's SOP number
EPA 901,1	Cs-134, I-131	RICH-RC-5017
EPA 900.0	Alpha & Beta	RICH-RC-5014
EPA 903.1	Ra-226	RICH-RC-5005
EPA 904.0	Re-228	RICH-RC-5005
EPA 905.0	Sr89/90	RICH-RC-5006
ASTM D2460	Total Radium	RICH-RC-5027
Standard Method 7500-U-C & ASTM D5174	Uranium	RICH-RC-5058
EPA 906.0	Tritium	RICH-RC-5007
NOTE:		
The Gross Alpha LCS is prepared with Am-2	41 (unless otherwi	se specified in the case narrative)
The Gross Beta LCS is prepared with Sr/Y-9	O (unless otherwise	e specified in the case narrative)

Uncertainty Estimation

STL Richland has adopted the internationally accepted approach to estimating uncertainties described in "NIST Technical Note 1297, 1994 Edition". The approach, "Law of Propagation of Errors", involves the identification of all variables in an analytical method which are used to derive a result. These variables are related to the analytical result (R) by some functional relationship, R = constants * f(x,y,z,...). The components (x,y,z) are evaluated to determine their contribution to the overall method uncertainty. The individual component uncertainties (ut) are then combined using a statistical model that provides the most probable overall uncertainty value. All component uncertainties are categorized as type A, evaluated by statistical methods, or type B, evaluated by other means. Uncertainties not included in the components, such as sample homogeneity, are combined with the component uncertainty as the square root of the sumof the squares of the individual uncertainties. The uncertainty associated with the derived result is the combined uncertainty (uc) multiplied by the coverage factor (1,2, or 3).

When three or more sample replicates are used to derive the analytical result, the type A uncertainty is the standard deviation of the mean value (S/vn), where S is the standard deviation of the derived results. The type B uncertainties are all other random or non-random components that are not included in the standard deviation.

The derivation of the general "Law of Propagation of Errors" equations and specific example are available on request.

	Report Definitions
Action Lev	An agreed upon activity level used to trigger some action when the final result is greater than or equal to the Action Level. Often the Action Level is related to the Decision Limit.
Batch	The QC preparation batch number that relates laboratory samples to QC samples that were prepared and analyzed together.
Bias	Defined by the equation (Result/Expected)-1 as defined by ANSI N13.30.
COC No	Chain of Custody Number assigned by the Client or STL Richland.
Count Error (#s)	Poisson counting statistics of the gross sample count and background. The uncertainty is absolute and in the same units as the result. For Liquid Scintillation Counting (LSC) the batch blank count is the background.
Total Uncert (#s) u _c _Combined Uncertainty.	All known uncertainties associated with the preparation and analysis of the sample are propagated to give a measure of the uncertainty associated with the result, u_c the combined uncertainty. The uncertainty is absolute and in the same units as the result.
(#s), Coverage	The coverage factor defines the width of the confidence interval, 1, 2 or 3 standard deviations.
Factor CRDL (RL)	Contractual Required Detection Limit as defined in the Client's Statement Of Work or STL Richland "default" nominal detection limit. Often referred to the reporting level (RL)
; Lc :	Decision Level based on instrument background or blank, adjusted by the Efficiency, Chemical Yield, and Volume associated with the sample. The Type I error probability is approximately 5%. Lc=(1.645 • Sqrt(2*(BkgrndCnt/BkgrndCntMin)/SCntMin)) * (ConvFet/(Eff*Yid*Abn*Vol) * IngrFet). For LSC methods the batch blank is used as a measure of the background variability. Lc cannot be calculated when the background count is zero.
Lot-Sample No	The number assigned by the LIMS software to track samples received on the same day for a given client. The sample number is a sequential number assigned to each sample in the Lot.
MDC MDA	Detection Level based on instrument background or blank, adjusted by the Efficiency, Chemical Yield, and Volume with a Type I and II error probability of approximately 5%. MDC = (4.65 * Sqrt((BkgrndCnt/BkgrndCntMin)/SCntMin) + 2.71/SCntMin) * (ConvFct/(Eff * Yid * Abn * Vol) * IngrFct). For LSC methods the batch blank is used as a measure of the background variability.
Primary Detector	The instrument identifier associated with the analysis of the sample aliquot.
Ratio U-234/U-238	The U-234 result divided by the U-238 result. The U-234/U-238 ratio for natural uranium in NIST SRM 4321C is 1.038.
Rst/MDC	Ratio of the Result to the MDC. A value greater than I may indicate activity above background at a high level of confidence. Caution should be used when applying this factor and it should be used in concert with the qualifiers associated with the result.
Rst/TotUcert	Ratio of the Result to the Total Uncertainty. If the uncertainty has a coverage factor of 2 a value greater than 1 may indicate activity above background at approximately the 95% level of confidence assuming a two-sided confidence interval. Caution should be used when applying this factor and it should be used in concert with the qualifiers associated with the result.
Report DB No	Sample Identifier used by the report system. The number is based upon the first five digits of the Wark Order Number.
RER	The equation Replicate Error Ratio = (S-D)/[sqrt(TPUs ² + TPUd ²)] as defined by ICPT BOA where S is the original sample result, D is the result of the duplicate, TPUs is the total uncertainty of the original sample and TPUd is the total uncertainty of the duplicate sample.
SDG	Sample Delivery Group Number assigned by the Client or assigned by STL Richland upon sample receipt.
Sum Rpt Alpha Spec Rst(s)	The sum of the reported alpha spec results for tests derived from the same sample excluding duplicate result where the results are in the same units.
Work Order	The LIMS software assign test specific identifier.
Yield	The recovery of the tracer added to the sample such as Pu-242 used to trace a Pu-239/40 method.

Sample Results Summary

STL Richland STLRL

Ordered by Method, Batch No., Client Sample ID.

Report No.: 30960

SDG No: W04834

Date: 03-Jan-06

Client Id Batch Work Order Parameter	Result +- Uncertainty (_2s)	Qual Units	Yleid	MDC or MDA	CRDL	RPD
5364131 7196_CR6 B1H3F3						
HTEE71AA HEXCHROME	3.90E-03 +- 0.00E+00	mg/L	N/A	2.00E-03		
HTEE71AE HEXCHROME	3.90E-03 +- 0.00E+00	mg/L	N/A	2.00E-03	1.00E+01	0.0
No. of Results: 2						

QC Results Summary STL Richland STLRL

Ordered by Method, Batch No, QC Type,.

Report No.: 30960

SDG No.: W04834

Date: 03-Jan-06

Batch Work Order	Parameter	Result +- Uncertainty (25)	Qua)	Units	Yield	Recovery	Blas	MDC MDA
7196_CR6								
5364131 MATRIX	SPIKE							
HTEE71AC	HEXCHROME	5.47E-01 +- 0.00E+00		mg/L	N/A	104%	0.0	2.00E-03
HTEE71AD	HEXCHROME	5.37E-01 +- 0.00E+00		mg/L	N/A	102%	0.0	2.00E-03
5364131 LCS								
HT0NR1AC	HEXCHROME	5.28E-01 +- 0.00E+00		mg/L	N/A	106%	0.1	2.00E-03
5364131 BLANK (ac .							
HT0NR1AA	HEXCHROME	2.00E-03 +- 0.00E+00	U	mg/L	N/A			2.00E-03
No. of Results:	4							

Bias - (Result/Expected)-1 as defined by ANSI N13.30.

SAMPLE RESULTS

Date: 03-Jan-06

Lab Name:

STL Richland

SDG:

W04834

Collection Date: 12/16/2005 9:40:00 AM

Lot-Sample No.: J5L190138-1

Report No.:

30960

Received Date:

12/16/2005 11:05:00 AM

Client Sample ID: B1H3F3

COC No.:

F04-034-053

Matrix:

WATER

										Ordered by Client Sample ID, Batch No.			
Parameter	Result	Qual	Count Error (2 s)	Total Uncert(2 s)	MDC MDA, Action Lev	Rpt Unit, Lc	Yield CRDL(RL)	Rst/MDC, Rst/TotUccrt	Analysis, Prep Date	Total Su Size	Aliquot Size	Primary Detector	
Batch: 5364131	7196_CR6			Work Order:	HTEE71AA	Repo	rt DB ID: 9HTI	EE710					
HEXCHROME	3.90E-03			0.00E+00	2.00E-03	mg/L	N/A	(1.9)	12/16/05		100.0		
								N/A			ML		
and the second second										· · · · ·			

No. of Results: 1

Comments:

Date: 03-Jan-06

DUPLICATE RESULTS

Lab Name:

STL Richland

SDG:

W04834

Collection Date: 12/16/2005 9:40:00 AM

Lot-Sample No.: J5L190138-1

Report No.:

30960

Received Date: 12/16/2005 11:05:00 AM

Client Sample ID: B1H3F3

COC No.:

F04-034-053

Matrix:

WATER

Parameter	Result, Orig Rst	Count Qual Error (2 s)	Total Uncert(2 s)	MDC MDA, Action Lev	Rpt Unit, CRDL	Yield	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 5364131	7196_CR6		Work Order:	TEE71AE	Report	OB ID: HTE	E71ER	Orig Sa DB ID: 9H	TEE710		
HEXCHROME	3.90E-03		0.00E+00	2.00E-03	mg/L	N/A	(1.9)	12/16/05		100.0	
.,	3.90E-03	RPD	0.0		1.00E+01		N/A		-	ML	

No. of Results: 1

Comments:

BLANK RESULTS

Date: 03-Jan-06

SDG:

W04834

Report No.: 30960

Parameter	Result	Qual	Count Error (2 s)	Total Uncer1(2 s)	MDC(MDA	Rpt Unit, CRDL	Yield	Rst/MDC, Rst/TotUcert	Analysis, Prep Date	Total Sa Size	Aliquot Size	Primary Detector
Batch: 5364131	7196_CR6			Work Drder:	HTONR1AA	Repor	DB ID: HT	ONR1AB				
HEXCHROME	2.00E-03	U		0.00E+00	2.00E-03	mg/L	N/A	1.	12/16/05		100.0	
								N/A			ML	

No. of Results: 1

Comments:

Lab Name: STL Richland

Matrix: WATER

LCS RESULTS

Date: 03-Jan-06

Lab Name: STL Richland

SDG:

W04834

Matrix: WATER

Report No.: 30960

Parameter	Result	Quai	Count Ecror (2 s)	Total Uncert(2 s)	MDC MDA	Report Unit	Yield	Expected	Expected Uncert	Recovery, Bias	Analysis, Prep Date	Aliquot Size	Primary Detector
latch: 5364131	7196_CR6			Work Orde	r: HTONRIAC	3	Raport DB ID	HT0NR1	AS				
HEXCHROME	5.28E-01			0.00E+00	2.00E-03	mg/L	N/A	5.00E-	-01	106%	12/16/05	100.0	
							Rec Limits:	85	115	0.1		ML	

No. of Results: 1 Comments:

MATRIX SPIKE RESULTS

Date: 03-Jan-06

Lab Name:

STL Richland

SDG:

W04834

Lot-Sample No.: J5L190138-1

Report No.: 30960

Matrix: WATER

Parameter	SpikeResult, Orig Rst	Qual E	Count Error (2-s)	Total Uncert(2 s)	MDC]MDA	Rpt Un CRDI	•	Rec- overy	Exp- ected	Exp Uncert	Analysis, Prep Date	Aliquot Size	Analy Method, Primary Detector
Batch: 5364131	Work Order:	HTEE7	1AC	Report DB ID:	HTEE71CW		Orig Sa DB ID:	9HTEE710					
HEXCHROME	5.47E-01			0.00E+00	2.00E-03	mg/L	N/A	104.05%	5.26E-01		12/16/05	100.0	7196_CR6
	3.90E-03											ML	
Batch: 5364131	Work Order:	HTEE7	1AD	Report DB ID:	HTEE71DW		Orig Sa DB ID:	9HTEE710					
HEXCHROME	5.37E-01			0.00E+00	2.00E-03	mg/L	N/A	102.13%	5.26E-01		12/16/05	100.0	7196_CR6
	3.90E-03											ML	

Number of Results: 2

Comments:

V4.14.4 A97

MATRIX SPIKE DUPLICATE RESULTS

Date: 03-Jan-06

Lab Name:

STL Richland

SDG:

W04834

Lot-Sample No.: J5L190138-1

Report No.: 30960

Matrix: WATER

l'arameter	SpikeResult, Orig Rsi	Qual	Count Error (2 s)	Total Untert(2 s)	MDC MDA	Rpt Unit, CRDL	Yield	Rec- overy	Exp- ected	Exp Uncert	Analysis, Prep Date	Aliquot Size	Primary Detector
Batch: 5364131	7196_CR6			Work Order: 1	HTEE71AC	Report	DB (D: 1	TEE71CW	Ori	ig Sa DB ID:	HTEE71DW	_	
HEXCHROME	5.47E-01			0.00E+00	2.00E-03	mg/L	N/A	104.05%	5.26E-0	1	12/16/05	100.0	
	5.37E-01	RPC	1.9									ML	
Batch: 5364131	7196_CR6			Work Order:	TEE71AD	Repor	DBID: H	TEE71DW	Ori	ig Sa DB ID:	HTEE71CW		
HEXCHROME	5.37E-01			0.00E+00	2.00E-03	mg/L	N/A	102.13%	5.26E-0	1	12/16/05	100.0	
	5.47E-01	RPL	1.9									ML	
No, of Results: 2	Comments:	••	· · · · -										

RER

⁻ Replicate Error Ratio = (S-D)/[sqrt(sq(TPUs)+sq(TPUd))] as defined by ICPT BOA.
- (Result/Expected)-1 as defined by ANSI N13.30.



Richland Laboratory Data Review Check List Hexavalent Chromium

Work Order Number(s): HTEE7				
Lab Sample Numbers or SDG: W04834 Method/Test/Parameter: Cr+6 in Water / RICH-WC-5003, Rev 7				
Review Item	Yes (✔)	No (*)	N/A (*)	2 nd Level Review (✓)
A. Initial Calibration	1			1.0
1. Performed at required frequency with required number of levels?				
2. Correlation coefficient within QC limits?	√			W
3. Initial calibration verification (ICV) analyzed immediately after calibration and results within QC limits?	~			L
4. Initial calibration blank (ICB) analyzed immediately after ICV and concentrations of all parameters ≤ reporting limit?	V			L
B. Continuing Calibration	~			
i. CCV analyzed at required frequency and all parameters within QC limits?]	<u> </u>
2. CCB analyzed at required frequency and all results ≤ reporting limit?	1			i
C. Sample Analysis 1. Were any samples with concentrations above the linear range for any parameter diluted and reanalyzed?	1			ı
2. Were all sample holding times met?	1	<u> </u>		L
D. QC Samples 1. All results for the preparation blank below limits?	1			L
2. MS or MS/MSD recoveries within QC limits and %RPD (for MSD) acceptable?	1			W.
3. LCS percent recovery within QC limits and %RPD (for LCSD) acceptable?	1			L
4. Analytical spikes within QC limits where applicable?	1			Limite
5. ICP only: One serial dilution performed per SDG?		7	1	-
6. ICP only: CRDL standard (CRI or CRA) analyzed at required frequency?		-	1	V
7. ICP only: Interference check samples (ICSA, ICSAB) and HICAL analyzed at the required frequencies and within QC limits?			1	

Review Item	Yes	No (✔)	N/A (✓)	2 ^{td} Level Review (✓)
E. Other			1	
1. Are all nonconformances included and noted?				10
2. Is the correct date and time of analysis shown?	~			V
3. Did the analyst sign and date the front page of the analytical run?	V			L
4. Correct methodology used?	1			L
5. Transcriptions checked?	✓			L
6. Calculations checked at minimum frequency?	✓			1
7. Units checked?	√	1		L

Comments on any "No" response:	
Analyst:	Date: 1-3-16.
Second-Level Review: 111 111	Date: 1-3-44

Fluor Hanford Inc.		ļ	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST					EQUEST	F04-034-053 PAGE 1 OF 1				
COLLECTOR Hughes/Deroos			COMPANY CONTACT TELEPHONE NO.				0.	PROJECT COORDINATOR	PRICE CODE	7K	DATA		
			İ	TRENT, SJ			373-5869	. =	TRENT, SI			TURNAROUND	
DR-5	LOCATION		ł	PROJECT DESIGNAT					SAF NO.	AIR QUALITY		15 Days / 45 Days	
ICE CHEST N	40			DR-5 GW Treatment	Facility Reger	Waste Cha	,	Waste Stream	—			45 Days	
_							COA		METHOD OF SHIPMENT				
ンドアー!! SHIPPED TO	05-002			ANF-N-G		_	12053385		GOVERNMENT VEHICLE				
	iing & Character	testion -	1 1	OFFSITE PROPERTY	NO.				BILL OF LADING/AIR BILL I	¥O.			
MATRIX*	1	SAMPLE HAZARDS/ REI		PRESERVAT	ION	Cool 4C	None D	Cool 4C	None of				
L=Drum kquids S=Drum olids	F.C.H 29754		4	TYPE OF CONTAINER P			GP 39	G/P G/P	G/P 7		<u> </u>		
uios =Liquid =Oil =Soil (504 604834	ļ	NO. OF CONTAL	NER(S)		- AND	• 1		· — · — ·			
E=Sediment =Tissue =Vegitation	;	J51190138	,	VOLUME	:	60mL	125m	500mt	125mL				
V=Water VI=Wipe		One 02 03 0						į		- · · - · - · - · - · - · - · - · - · -	<u> </u>		
=Other	SPECIAL F	landling and/or sto	DRAGE	SAMPLE ANAL	Y S IS	IC Anlons - 300 (Charide, Sulfite)	(GANA (TAL) (CANAMAN, (SANAMA)	Chromium Hex 7196;	- pH - /50.3;			:	
 Samp	LE NO.	MATRIX*		SAMPLE DATE SA	MPLE TIME			<u> </u>					
H3F3	 	WATER									0.1		
	HTEET		/	12-16-05 0	9.40	ļ		X	<u> </u>		Ì		
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ETMONISHE	D BY/REHOVED	FROM DATE	E/TIME	RECEIVED BY/STOR	ED IN		DATE/	TIME *	* The laboratory is requested	to filter all sample	s with a O	.45 micron filter and to	
TINGNISHE!	D BY/REMOVED	FROM DATE	//1:05	RECEIVED BY/STOR	e ¹ e d'Aci - ED IN	- <i>1</i> 2.	14:05 Date	11/03	eserve the metals with HNO3	to a pri less trian .	2.		
TINOUISHE	BY/REMOVED	FROM DATE	E/TIME	RECEIVED BY/STOR	ED IN		ĐẠTE/	TIME	Regar 48				
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LINQUISHED	BY/REHOVED	FROM DATE	F/11ME	RECEIVED BY/STOR	eo in		DATE/	TIME					
: 1864 P. P. L.	BY/REMOVED	FROM DATE	/TIME	RECEIVED BY/STORE	ED IN		DATE/	TIME					
CHICOTOMET	**	FROM DATE	/TIME	RECEIVED BY/STORE	ED IN	· • •	DATE/	TIME					
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12/30/2005 8:32:08 AM		Sample Pr	eparation/A	nalysis		Balance ld:			
108302, FLUOR HANFORD IC	, Waste 88 N	O SAMPLE PREPA	RATION PERFO	RMED / DIREC	T INJECTION	Pipet #:			
Management Federal Servi		hromium, Hexavale	• •		_	•			
Report Due: 01/03/2006	01 S	TANDARD TEST SE	T		Sep1	I DT/Tm Tech:			
Batch: 5364131 WATER	ug/L	PM	, Quote: HC ,	29754	Sepi	Sep2 DT/Tm Tech:			
SEQ Batch, Test: None All Tests:	88EA, 5364131 88EA,					Prep Tech:			
Work Order, Lot, Total	II Initial Attances	II CO Traces	C		11(1)				
Work Order, Lot, Total Sample DateTime Amt/Unit	Initial Aliquot Amt/Unit	OC Tracer Prep Date	Count Time Min	Detector Id	Count On Off (24hr) Circle	CR Analyst, Init/Date	Comments:		
1 HTEE7-1-AA	and a second definition of the second designation of the second design								
J5L190138-1-SAMP									
12/16/2005 09:40	AmtRec: 500P	#Containers: 1			Scr:	Alpha:	Bela:		
2 HTEE7-1-AC-S									
J5L190138-1-MS									
THE REAL PROPERTY AND	M 486								
12/16/2005 09:40	AmiRec: 500P	#Containers: 1			Sera	Alpha:	Beta;		
3 HTEE7-1-AD-D J5L190138-1-MSD									
	**************************************			**					
12/16/2005 09:40	AmtRec: 500P	#Containers: 1			Sor:	Alpha:	Bela:		
4 HTEE7-1-AE-X									
J5L190138-1-DUP									
12/16/2005 09:40	AmtRec: 500P	#Containers: 1			Son	Alpha:	Beta;		
5 HTDNR-J-AA-B									
J5L300000-131-BLK									
12/16/2005 09:40	AmtRec:	#Containers: 1			Scr:	Alpha:	Bela:		
6 HTONR-1-AC-C									
J5L300000-131-LCS									
12/16/2005 09:40	AmtRec:	Containers: 1			Sor:	Alpha:	Bela:		
			~~						
	fi - Final Arnt, di - Diluted A - Reference Dt, ec-Enrichmen	• • •	_	ISV -	Insufficient Volume for Ar	nalysia	WO Cnt: 6 (COC v4.8.16		

2/30/2005 8:32:09 AM			Sam	ple Preparation/	В	Balance Id:				
				PREPARATION PERI	FORMED / DIREC	TINJECTION	Pipet #:			
eport Due: 01/03/2006			-	Hexavalent (7196A)		Cani Di	'/Im Tach:			
			D1 STANDARD	TEST SET		Sep1 DT/Tm Tech:				
atch: 5364131 EQ Batch, Tost: None		ug/L	",	-		Sep2 D1	7/Tm Tech:			
Ed Baidi, 10st None				- essettire			Prep Tech:			
Work Order, Lol, Sample DateTime	Total Amt/Unit	fnitial Alique Amt/Unit		racer Count Date Time Min	Detector Id	Count On Off (24hr) Circle	CR Analyst, Init/Date	Comments;		
Comments:		7.2								
	•									
						·	· · · · · · · · · · · · · · · · · · ·			
1 Clients for Batch: 108302, FLUOR HANFO	ED IC		Waste He	nagement Federal Sc	rvi, HC , 2975	4				
TE71AA-SAHP Constitues	t List:			 						
HEXCHROME ROL:	ug/L	LCL ₁ 85	UCL:115	RPD:20						
EE71AC-MS Constituent HEXCHROME RDL:10	List: ng/L	LCL:85	UCL:115	RPD:20						
TETTIAD-MSD: HEXCHROME RDL:10	ug/L	LCL:85	UCL: 115	RPD:20						
'OMRIAA-BLR: HEXCHROME RDL:	ug/L	LCL:	UCL:	RPD:						
ronriac-les:	44.5		UCL:115	RPD:20						
HERCHROME RDL:10 PEE71AA-SAMP Calc Info	ng/L	LCL:85	OCT (112	RPD120						
Uncart Level (#s).		to SaDt: Y	Blk Subt.s	N Sci.Not.: Y	ODRs: B					
TETIAC-MS Calc Info: Uncert Level (#s).	: 2 Decay	r to SaDt: Y	Blk Subt.:	N Sci.Not.: Y	ODRs: B					
TEE71AD-MSD: Uncert Level (#e).	: 2 Decay	f to SaDt: Y	Blk Subt.:	N Sci.Not.: Y	ODRE: B					
TOHRIAA-BLK: Uncert Level (#s).	. 2 Decay	/ to Sapt: Y	Blk Subt.:	N Sci.Not.: Y	ODRs: B					
ronriac-les:	_									
Uncert Level (#s).	: 2 Decay	to SaDt: Y	Blk Subt.:	N Sci.Not.: T	ODRs: B					
				App	roved By		Date:			
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